

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Juan, Puerto Rico

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

November

2012

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Althea Austin-Smith,
Service Hydrologist

DATE

12/07/2012

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☐

An X inside this box indicates that no flooding occurred within this hydrologic service area.

Summary: The San Juan ASOS reported 3.09 inches of rain for the month of November; 3.26 inches less than the normal of 6.35 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 5.76 inches for the month of November; 0.53 inches greater than the normal of 5.23 inches.

"November 2012 began with a southeasterly wind flow across the local islands that produced warm temperatures along the northern coast of Puerto Rico mainly during the first week of the month. The prevailing east northeast wind flow returned around the 10th, and brought periods of morning showers across the local islands as well as limited afternoon convection across western Puerto Rico each day through the rest of the month. Overall a tranquil weather pattern prevailed."

"Please see (<http://www.srh.noaa.gov/sju/?n=nov2012cr>) for November's Climate Report.

A reasonably quiet month hydrologically as Puerto Rico remained hot and dry for a substantial part of the month. Some of the usual afternoon showers and thunderstorms produced enough runoff which led to some road closings with urban, poor drainage, and small stream flooding across sections of Puerto Rico...at various times throughout the month. Across the USVI, where rainfall was near normal, there were no reports of significant flooding in November.

See details of all flood reports in the LSR reports below:

Local Storm Reports for November 2012

..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...	...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
	..REMARKS..		
1215 AM	FLOOD	VEGA BAJA	18.44N 66.40W
11/13/2012		VEGA BAJA	PR EMERGENCY MNGR

ROADS WERE REPORTED FLOODED AT BARRIO GUATEMALA.

..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
	..REMARKS..		
0500 PM	FLOOD	ARECIBO	18.46N 66.74W
11/18/2012		ARECIBO	PR PUBLIC
ROAD PR-2 BETWEEN ARECIBO AND HATILLO WAS REPORTED FLOODED AND IMPASSABLE.			

The approximate amounts of Hydrologic Products issued during the month of November are as follows:

Non-Routine Hydrologic Products Issued:	Approximate number of Products for the month
Hydrologic Outlooks (SJUESFSJU)	0
Flood Watches (SJUFFASJU)	0
Flood Warnings (SJUFLWSJU)	7
Flash Flood Warnings (SJUFFWSJU)	1
Flash Flood Statements (SJUFFSSJU)	1
Urban/Small Stream Flood Advisories (SJUFLSSJU)	66

For monthly “radar totals” use the archive of the Advanced Hydrologic Prediction Service (AHPS) - click on the Precipitation interface for San Juan, Puerto Rico and request the duration you would like to view...daily or monthly remembering that the 24 hour totals are from 12z – 12z (8am to 8am in PR) - [AHPS archive of radar totals/ images](#). Here are the [November 2012 totals](#).